IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Edward J. Seppi, et al.

Serial No.: 10/687,522

Filed: October 15, 2003

For: SYSTEMS AND METHODS FOR FUNCTIONAL IMAGING USING CONTRAST-ENHANCED MULTIPLE-ENERGY COMPUTED TOMOGRAPHY

Group Art Unit: 3737

Examiner: Kish, James M.

Confirmation No.: 5245

RESPONSE TO OFFICE ACTION

Mail Stop A/F Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed April 21, 2010, Applicant respectfully submits the following remarks.

Amendments of the claims begin on page 2 of this paper.

Remarks begin on page 14 of this paper.